

RECEIVED
CENTRAL FAX CENTER
APR 19 2006

FAX TRANSMISSION

DATE: April 19, 2006

PTO IDENTIFIER: Application Number 10/541427-Conf. #6584
Patent Number

Inventor: Thomas Zelinski et al.

MESSAGE TO: US Patent and Trademark Office

FAX NUMBER: (571) 273-8300

FROM: CONNOLLY BOVE LODGE & HUTZ LLP

Hui-Ju Wu

PHONE: (302) 658-9141

Attorney Dkt. #: 12810-00105-US

PAGES (Including Cover Sheet): 15

CONTENTS:

Certificate of Transmission (1 page)
Transmittal of Supplemental Application Data Sheet and
Request for Corrected Filing Receipt (2 pages)
Supplemental Application Data Sheet (3 pages)
Filing Receipt (3 pages)
Certificate of Express Mailing Under 37 CFR 1.10 (1 page)
Declaration, Power of Attorney (3 pages)
International Application Publication, PCT/EP03/14880 (1 page)

If your receipt of this transmission is in error, please notify this firm immediately by collect call to sender at (302) 658-9141 and send the original transmission to us by return mail at the address below.

This transmission is intended for the sole use of the individual and entity to whom it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. You are hereby notified that any dissemination, distribution or duplication of this transmission by someone other than the intended addressee or its designated agent is strictly prohibited.

CONNOLLY BOVE LODGE & HUTZ LLP
1007 North Orange Street, P.O. Box 2207, Wilmington, Delaware 19899
Telephone: (302) 658-9141 Facsimile: (302) 658-5614

PTO/SB/97 (09-04)

Approved for use through 07/31/2008. OMB 0651-0031

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Application No. (if known): 10/541427

Attorney Docket No.: 12810-00105-US

Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office.

on April 19, 2006
Date



Signature

Deborah Israel

Typed or printed name of person signing Certificate

Registration Number, if applicable

(302) 658-9141

Telephone Number

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

Transmittal of Supplemental Application Data Sheet and
Request for Corrected Filing Receipt (2 pages)
Supplemental Application Data Sheet (3 pages)
Filing Receipt (3 pages)
Certificate of Express Mailing Under 37 CFR 1.10 (1 page)
Declaration, Power of Attorney (3 pages)
International Application Publication, PCT/EP03/14880 (1 page)

RECEIVED
CENTRAL FAX CENTER
APR 19 2006

Docket No.: 12810-00105-US
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Thomas Zelinski et al.

Application No.: 10/541,427

Confirmation No.: 6584

Filed: July 5, 2005

Art Unit: 1645

For: METHODS FOR PRESERVING AND/OR
STORING CELLS HAVING A NITRILASE OR
NITRILE HYDRATASE ACTIVITY

Examiner: Not Yet Assigned

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL OF SUPPLEMENTAL APPLICATION DATA SHEET
AND REQUEST FOR CORRECTED FILING RECEIPT

Dear Sir:

Applicants submit herewith a Supplemental Application Data Sheet to replace the Application Data Sheet previously submitted on July 5, 2005 for filing in connection with the above-referenced Patent Application. The Supplemental Application Data Sheet reflects the information provided in the Declaration and on the face of the International Application Publication to which the instant application claims domestic priority.

Applicants hereby request that a corrected Filing Receipt be issued in the above-identified patent application. The official Filing Receipt received by Applicants, a marked-up copy of which is attached hereto, has the following errors: (1) the last name of the second inventor should read Keseler (or Kessler) in lieu of "Kebeler"; and (2) the title of the application should read as "Methods for preserving and/or storing cells having a nitrilase or nitrile hydratase activity."

The Declaration, which shows the above correct data, was transmitted to the Patent Office on July 5, 2005. A copy of this transmission is enclosed. Additionally, the correct title of the application is shown on the face of the International Application Publication, PCT/EP03/14880, to which the present application claims domestic priority. A copy thereof is also enclosed.

Applicants additionally request that all pertinent U.S. Patent and Trademark Office records relating to the subject application be changed to reflect this correction.

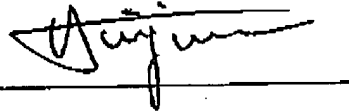
Docket No.: 12810-00105-US
(PATENT)

Applicants believe no fee is due with this request. However, if a fee is due, please charge our deposit account no. 03-2775, under Order No. 12810-00105-US from which the undersigned is authorized to draw.

Dated: April 19, 2006

Respectfully submitted,

By



Hui-Ju Wu

Registration No.: 57,209
CONNOLLY BOVE LODGE & HUTZ LLP
1007 North Orange Street
P.O. Box 2207
Wilmington, Delaware 19899
(302) 658-9141
(302) 658-5614 (Fax)
Attorney for Applicants

#451395



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER, FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/541,427	07/05/2005	1645	900	12810-00105-US	2	13	3

CONFIRMATION NO. 6584

23416
CONNOLLY BOVE LODGE & HUTZ, LLP
P O BOX 2207
WILMINGTON, DE 19899

FILING RECEIPT

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
OC000000018040015

Date Mailed: 02/24/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Thomas Zellinski, Neuleiningen, GERMANY;
Maria Kessler, Mannheim, GERMANY;
Bernhard Hauer, Fubgonheim, GERMANY;

Kessler
Assignment For Published Patent Application
BASF AKTIENGESELLSCHAFT

Power of Attorney: The patent practitioners associated with Customer Number 23416.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/EP03/14880 12/24/2003

Foreign Applications

GERMANY 103 00 500.5 01/08/2003

Projected Publication Date: 05/25/2006

Non-Publication Request: No

Early Publication Request: No

Title

Methods for preserving and/or storing ~~cell having~~ a nitrilase or nitrile hydratase ~~activity~~

cell having

activity

Preliminary Class

435

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process simplifies the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR

1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time. If the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 12810-00105-US

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV622756552US in an envelope addressed to:

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on July 5, 2005
Date

Jean Marshall
Signature

Jean Marshall

Typed or printed name of person signing Certificate

Registration Number, if applicable

(302) 658-9141
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office
Fee Transmittal
Application Data Sheet
Copy of the International application
Form PCT/IPEA/409
English language translation of the International application
Executed Combined Declaration/Power of Attorney
Information Disclosure Statement, SB08, with references
Preliminary Amendment
Disk/Paper Copy of Sequence Listing
Statement to Support filing and Submission in Accordance with 37 CFR
 §§1.821 through 1.825
Postcard
Charge \$900.00 to deposit account 03-2775

404131

Declaration, Power of Attorney and Petition

Page 1 of 3
0000054204

Customer No.

We (I), the undersigned inventor(s), hereby declare(s) that:

My residence, post office address and citizenship are as stated below next to my name,

We (I) believe that we are (I am) the original, first, and joint (sole) inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled

the specification of which

☐ is attached hereto.

☐ was filed on _____ as

Application Serial No. _____

and amended on _____

☒ was filed as PCT international application

Number PCT/EP/03/14880

on 24 December 2003

and was amended under PCT Article 19

on _____ (if applicable).

We (I) hereby state that we (I) have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

We (I) acknowledge the duty to disclose information known to be material to the patentability of this application as defined in Section 1.56 of Title 37 Code of Federal Regulations.

We (I) hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed. Prior Foreign Application(s)

Application No.

Country

Day/Month/Year

Priority
Claimed

We (I) hereby claim the benefit under Title 35, United States Codes, § 119(e) of any United States provisional application(s) listed below.

_____	_____
(Application Number)	(Filing Date)
_____	_____
(Application Number)	(Filing Date)

We (I) hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

Application Serial No.	Filing Date	Status (pending, patented, abandoned)
_____	_____	_____
_____	_____	_____
_____	_____	_____

I hereby appoint the registered practitioner(s) associated with Customer No. 23416 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. Direct all correspondence to Customer Number 23416.

We (I) declare that all statements made herein of our (my) own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Thomas Zelinski
NAME OF SOLE OR FIRST INVENTOR

Thomas Zelinski
Signature of Inventor

Date 06. März 2004

Residence:
Kirchengasse 16
67271 Neuleiningen
Germany
Citizen of Germany
Post Office Address: same as residence

Maria Keßeler
NAME OF SECOND JOINT INVENTOR

Maria Keßeler
Signature of Inventor

Date 06. März 2004

Residence:
Max-Joseph-Str. 6
68167 Mannheim
Germany
Citizen of Germany
Post Office Address: same as residence

Bernhard Hauer
NAME OF THIRD JOINT INVENTOR

Bernhard Hauer
Signature of Inventor

Date 06. März 2004

Residence:
Merowingerstr.1
67136 Fußgönheim
Germany
Citizen of Germany
Post Office Address: same as residence

(12) NACH DEM VERTRAG ÜBER DIE INTERNATIONALE ZUSAMMENARBEIT AUF DEM GEBIET DES
PATENTWESENS (PCT) VERÖFFENTLICHTE INTERNATIONALE ANMELDUNG

(19) Weltorganisation für geistiges Eigentum
Internationales Büro



(43) Internationales Veröffentlichungsdatum
29. Juli 2004 (29.07.2004)

PCT

(10) Internationale Veröffentlichungsnummer
WO 2004/063357 A1

(51) Internationale Patentklassifikation: C12N 1/04,
9/96, 9/78, 9/88

(21) Internationales Aktenzeichen: PCT/EP2003/014880

(22) Internationales Anmeldedatum:
24. Dezember 2003 (24.12.2003)

(25) Einreichungssprache: Deutsch

(26) Veröffentlichungssprache: Deutsch

(30) Angaben zur Priorität:
103 00 500.5 8. Januar 2003 (08.01.2003) DE

(71) Anmelder (für alle Bestimmungsstaaten mit Ausnahme
von US): BASF AKTIENGESELLSCHAFT (DE/DE);
67056 Ludwigshafen (DE).

(72) Erfinder; und

(75) Erfinder/Anmelder (nur für US): ZELINSKI, Thomas
[DE/DE]; Kirchengasse 16, 67271 Neuleiningen (DE).
KESELER, Maria [DE/DE]; Max-Joseph-Str. 6,
68167 Mannheim (DE). HAUER, Bernhard [DE/DE];
Mcrowingerstr. 1, 67136 Fussgönheim (DE).

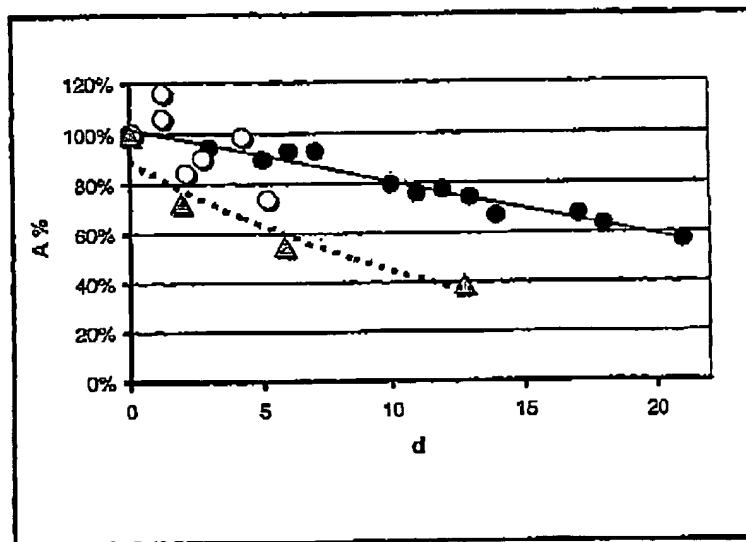
(74) Gemeinsamer Vertreter: BASF AKTIENGE-
SELLSCHAFT; 67056 Ludwigshafen (DE).

(81) Bestimmungsstaaten (national): AE, AG, AL, AM, AT,
AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NL, NO, NZ, OM, PG, PI,
PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

[Fortsetzung auf der nächsten Seite]

(54) Title: METHODS FOR PRESERVING AND/OR STORING CELLS HAVING A NITRILASE OR NITRILE HYDRATASE
ACTIVITY

(54) Bezeichnung: VERFAHREN ZUR KONSERVIERUNG UND/ODER LAGERUNG VON ZELLEN MIT NITRILASE ODER
NITRILHYDRATASE-AKTIVITÄT



(57) Abstract: The invention relates to methods for preserving and/or storing micro-organisms having at least a nitrile hydratase enzyme activity or a nitrilase enzyme activity. According to said method, the preservation and/or storage takes place in an aqueous medium containing at least one aldehyde, the total aldehyde concentration being between 0.1 and 100 mM/l.

[Fortsetzung auf der nächsten Seite]

WO 2004/063357 A1

Supplemental Application Data Sheet**Application Information**

Application No.::	10/541,427
Filing Date::	July 5, 2005
Application Type::	Regular
Subject Matter::	Utility
Suggested Group Art Unit::	N/A
CD-ROM or CD-R?::	None
Sequence submission?::	Disk/Paper
Computer Readable Form (CRF)?::	Yes
Number of copies of CRF::	1
Title::	METHODS FOR PRESERVING AND/OR STORING CELLS HAVING <u>CELLS HAVING</u> A NITRILASE OR NITRILE HYDRATASE <u>ACTIVITY ACTIVITY</u>
Attorney Docket Number::	12810-00105-US
Request for Early Publication?::	No
Request for Non-Publication?::	No
Small Entity?::	No
Petition included?::	No
Secrecy Order in Parent Appl.?::	No

Applicant Information

Applicant Authority Type::	Inventor
Primary Citizenship Country::	Germany
Status::	Full Capacity
Given Name::	Thomas
Family Name::	Zelinski
City of Residence::	Neuleiningen
Country of Residence::	Germany
Street of mailing address::	Kirchengasse 16

City of mailing address:: Neuleiningen
Country of mailing address:: Germany
Postal or Zip Code of mailing address:: 67271

Applicant Authority Type:: Inventor
Primary Citizenship Country:: Germany
Status:: Full Capacity
Given Name:: Maria
Family Name:: Keßeler
City of Residence:: Mannheim
Country of Residence:: Germany
Street of mailing address:: Max-Joseph-Str. 6
City of mailing address:: Mannheim
Country of mailing address:: Germany
Postal or Zip Code of mailing address:: 68167

Applicant Authority Type:: Inventor
Primary Citizenship Country:: Germany
Status:: Full Capacity
Given Name:: Bernhard
Family Name:: Hauer
City of Residence:: Fußgönheim
Country of Residence:: Germany
Street of mailing address:: Merowingerstr. 1
City of mailing address:: Fußgönheim
Country of mailing address:: Germany
Postal or Zip Code of mailing address:: 67136

Correspondence Information

Correspondence Customer Number:: 23416

Representative Information

Representative Customer Number:: 23416

Domestic Priority Information

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This Application	National Stage of	PCT/EP2003/0148 80	12/24/03

Foreign Priority Information

Country::	Application number::	Filing Date::	Priority Claimed::
Germany	103 00 500.5	01/08/03	Yes

Assignee Information

Assignee name:: BASF AKTIENGESELLSCHAFT
Street of mailing address:: Patents, Trademarks and Licenses
GVX-C006
City of mailing address:: Ludwigshafen
Country of mailing address:: Germany
Postal or Zip Code of mailing address:: D-67056